

Title (en)
DEPSIPEPTIDES AND THEIR THERAPEUTIC USE

Title (de)
DEPSIPEPTIDE UND IHRE THERAPEUTISCHE VERWENDUNG

Title (fr)
DEPSIPEPTIDES ET LEUR UTILISATION THÉRAPEUTIQUE

Publication
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Application
EP 07848705 A 20071123

Priority
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Abstract (en)
[origin: GB2443336A] Compounds which are Spiruchostatin analogues of the general formula (I) or (I'), isosteres thereof and pharmaceutically acceptable salts thereof may be useful in the inhibition of HDAC: <EMI ID=1.1 HE=45 WI=120 LX=420 LY=850 TI=CF> <PC>wherein R1, R2, R3 and R4 are the same or different and represent an amino acid side chain moiety and each R6 is the same or different and represents hydrogen or C1-4alkyl. These compounds can be used in pharmaceutical compositions for use in the treatment or prevention of conditions mediated by HDAC, such as cancer and inflammatory conditions, or for use in accelerating wound healing, protection of hair follicles or as an immunosuppressant. Furthermore, a process is described for selecting a compound which has an HDAC, a human cancer cell growth or an anti-inflammatory inhibitory activity. This process comprises, the synthesis of compounds of formulae (I) and (I') and screening it for activity.

IPC 8 full level
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CPC (source: EP GB US)
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